

Claims

1. A hydraulic rotating motor for the driving mechanism of tools, especially for the driving mechanism for moving an electricity consumer mounted at a vehicle, especial at a mobile vehicle, especially electromagnets, with working pressure chambers (27), which is acted upon by hydraulic fluid for producing rotational movement transferred to a driven shaft (26), for which motor the electricity for a consumer, which is brought in by a lead (19, 20) passed from the outside into a stationary head (9) of the rotating motor, is supplied through the interior of the rotating motor to the consumer.

2. The hydraulic rotating motor of claim 1, for which the working pressure chambers (27) revolve and are acted upon with the hydraulic fluid consecutively in the peripheral direction by means of a distributor, a rotor (14 A), which is connected to the driven shaft (26), and a rotor ring, which meshes with the rotor (14 A), between one another and two distributor plates, forming the working pressure chamber (27).

3. The rotating motor of claims 1 or 2, for which the lead between the head (9) and the driven shaft (26) has a brush-slip ring device (2, 3, 4, 5, 6, 7, 8, 28, 29).

4. The rotating motor of claim 3, for which the head (9) carries the brushes (28, 29) and the driven shaft (26) carries the slip rings (2, 3).

5. The rotating motor of claim 3, for which the head (9) carries the slip ring (2, 3) and the driven shaft (26) carries the brushes (28, 29).

6. The rotating motor of one of the claims 1 to 5, for which the lead (19, 20) is passed in the interior of the rotating motor through the driven shaft (26) and emerges essentially centrally on the side of the motor facing the consumer.

7. The rotating motor of claim 6, for which the driven shaft (26) is constructed as a flanged shaft.

8. The rotating motor of one of the claims 1 to 7, for which the lead (19, 20) is a magnet cable for supplying an electromagnet.

9. The rotating motor of one of the claims 1 to 8, for which the lead (19, 20) has at least one lead for control currents, especially for actuating and/or controlling actuators, especially multifunction heads.

10. A vehicle, especially a mobile vehicle with a hydraulic rotating motor of claims 1 to 9 for driving a consumer of electricity, especially electromagnets or multifunction heads, for which leads, protected towards the outside, and supplying electricity, are passed within a radial arm into a head (9) of the rotating motor and, from there, through the interior of the rotating motor up to the consumer.